Name of Work :- Development of roads and drains at Maruthinagara 4th main and cross roads Basaveshwaranagara and Shivanahalli surrounding areas in ward no:01of Yelahanka division (Package no-7)

Quality Control Abstract

Job code:

Bill Number: First & Final Bill

Name of contractor: Sri K B Alankar

Sl No.	Description of Materials	Test	No of Units Tested	No of samples conducted	Test result	Remarks
1	**Kerb Stone**	Compressive Strength (IS 516-1959)	4	4		-
2	**GSB**	As per Morth	Per Batch	Per Batch	Satisfactory	-
3	**WMM**	As per Morth	Per Batch	Per Batch	Satisfactory	-
4	Fine Aggregates	IS: 383-1970	Per Batch	Per Batch	Satisfactory	-
5	Course Aggregates	As per Morth	Per Batch	Per Batch	Satisfactory	-
6	Steel TMT	IS: 1876:2008, IS 1608:2005,IS1599:1985	Per Batch	Per Batch	Satisfactory	-
7	**Cement**	IS: 12269-1987	Per Batch	Per Batch	Satisfactory	-
8	**Bitumen**	IS: 73-1992, IS: 2386(Part I to iV)-1963, MORTH	Per Batch	Per Batch	Satisfactory	-
9	M20 Concrete	Compressive Strength (IS 516-1959)	96	96	Satisfactory	-
10	M20 Coping Concrete	Compressive Strength (IS 516-1959)	48	48	Satisfactory	-
11	M30 Concrete	Compressive Strength (IS 516-1959)	60	60	Satisfactory	-
12	100mm Drain Slab (Core Cuting Method)	Core Compressive Strength (IS 516-1959 (Reaffirmed -Sp-24, 1983	2	2	Satisfactory	-
13	250mm Culvert Slab (Core Cuting Method)	Core Compressive Strength (IS 516-1959 (Reaffirmed -Sp-24, 1983	2	2	Satisfactory	-

SHRIYA CONSTRUCTION AND CONSULTANCY

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG 7/ M20 Coping

Date: 29/01/2021

1. Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Development of roads and drains at Maruthinagara 4th main and cross roads Basaveshwaranagara and Shivanahalli surrounding areas in ward no:01of Yelahanka division (Package no-7)

Ref: Material Testing/PMC/20-21.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K B Alankar.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm
Grade Of concrete: **M20**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength-N/mm2	Average
1.	Basaveshwaranagara	22/01/2021	29/02/1021	22500	7	390	17.33	18.15
2.		"	"	"	"	425	18.88	
3.		"	"	"	"	410	18.22	
4.		"	"	"	"	426	18.90	
5.		"	"	"	"	400	18.04	
6.		"	"	"	"	395	17.55	

SHRIYA CONSTRUCTION AND CONSULTANCY

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG 7/ GSB Date: 26/02/2021

TEST REPORT ON GRANULAR SUBBASE MIX (GRADATION TEST)

Sub: To conduct tests on GSB (Grade-V) mix.

Name of Work :- Development of roads and drains at Maruthinagara 4th main and cross roads Basaveshwaranagara and Shivanahalli surrounding areas in ward no:01of Yelahanka division (Package no-7)

Ref: Material Testing/PMC/20-21.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K B Alankar.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
75.00	**100.00**	100
53.00	**96.45**	80-100
26.50	**82.60**	55-90
9.50	**56.15**	35-65
4.75	**43.05**	25-50
2.36	**17.25**	10-20
0.85	**8.50**	2-10
0.425	**3.05**	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP/Ynk. Zn)
Yelahanka, Bangalore